

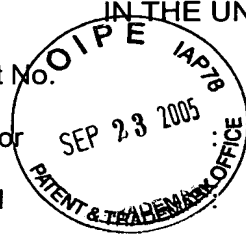
10/649575~

COFC

Patent No. 6,893,726
Request for Cert. of Correction dated September 19, 2005
Attorney Docket No. 1217-031246

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No. 6,893,726 Confirmation No. 5958
Inventor Nakashima et al.
Issued May 17, 2005
Title : Substrate Coated With Silica-Containing
Film With Low-Dielectric Constant
Examiner : Margaret G. Moore
Customer No. : 28289



REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT
FOR PTO MISTAKE (37 C.F.R. 1.322(a))

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate
SEP 28 2005
of Correction

ATTENTION: Decision and Certificate of Correction Branch
Patent Issue Division

Sir:

In accordance with 35 U.S.C. §254, we attach hereto Form PTO/SB/44 and a copy of proof of PTO errors and request that a Certificate of Correction be issued in the above-identified patent. The following errors appear in the patent as printed:

Face of Patent, See Item (56) References Cited, FOREIGN PATENT DOCUMENTS, after
"WO 97/35939 * 2/1997", insert the following:

-- JP	8-330300	12/1996
JP	9-315812	01/1998 --

(See the Information Disclosure Statement which was filed 12/04/2003, initialed and returned with the Notice of Allowability mailed January 14, 2005. The U.S. patent documents listed on the same Information Disclosure Statement were printed on the face of the patent.)

Column 16, Line 60, Claim 10, "a low-dielectnc" should read -- a low-dielectric --
(See Amendment After Final Rejection, of 12/14/2004, page 6, Claim 10, Line 2.)

Respectfully submitted,

THE WEBB LAW FIRM

By Kent E. Baldauf
Kent E. Baldauf
Registration No. 25,826
Attorney for Registrants
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436 Seventh Avenue
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SEP 29 2005

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO. : 6,893,726
APPLICATION NO. : 10/649,575
ISSUE DATE : May 17, 2005
INVENTORS : Nakashima et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Face of Patent, See Item (56) References Cited, FOREIGN PATENT DOCUMENTS, after
"WO 97/35939 * 2/1997", insert the following:

-- JP	8-330300	12/1996
JP	9-315812	01/1998 --

Column 16, Line 60, Claim 10, "a low -dielectnc" should read -- a low-dielectric --

MAILING ADDRESS OF SENDER: The Webb Law Firm
700 Koppers Building
436 Seventh Avenue
Pittsburgh, PA 15219-1845

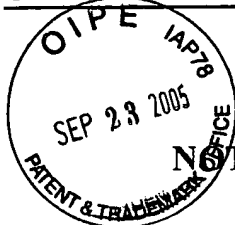
This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-2450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select Option 2.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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NOTICE OF ALLOWANCE AND FEE(S) DUE

28289

7590

01/14/2005

JAN 18 2005

EXAMINER

MOORE, MARGARET G

WEBB ZIESENHEIM LOGSDON ORKIN & HANSON, P.C.
700 KOPPERS BUILDING
436 SEVENTH AVENUE
PITTSBURGH, PA 15219

ART UNIT

PAPER NUMBER

1712

DATE MAILED: 01/14/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/649,575	08/26/2003	Akira Nakashima	1217-051246	5958

TITLE OF INVENTION: SUBSTRATE COATED WITH SILICA-CONTAINING FILM WITH LOW-DIELECTRIC CONSTANT

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$1000	04/14/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. **PROSECUTION ON THE MERITS IS CLOSED.** THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

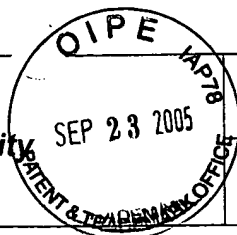
II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

SEP 29 2005

Notice of Allowability



Application No.

10/649,575

Examiner

Margaret G. Moore

Applicant(s)

NAKASHIMA ET AL.

Art Unit

1712

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 12/20/04.
2. ☒ The allowed claim(s) is/are 1 to 10.
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☒ Certified copies of the priority documents have been received in Application No. 09/530,437.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

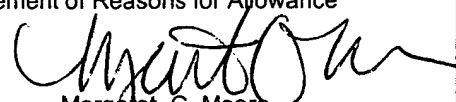
5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


Margaret G. Moore
Primary Examiner
Art Unit: 1712

SEP 29 2005



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	1
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Complete if Known

Application Number	10649,575
Filing Date	August 26, 2003
First Named Inventor	Akiko Nakashima
Group Art Unit	1712
Examiner Name	Not Yet Assigned
Attorney Docket Number	1217-031246

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	<i>[Signature]</i>	Date Considered	6/7/87
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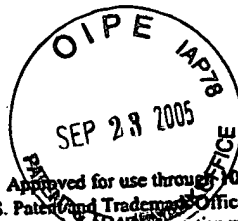
Signature: _____ Correspondence: _____

*EXAMINER: Initial if not in accordance, otherwise no signature if in accordance with MPET 601. Draw line through column if not in accordance and not without further review. If in accordance with correct numerical value to significant figures.

*Unique citation designated by number. *See attached kinds of U.S. Patent Documents. *Enter Office One issued the document, by the two-letter code (WIPO Symbolic). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Check of document by the appropriate symbols as indicated on the document under; WIPO Symbolic. 14. If possible. *Applicant is to place a check mark here if English language Translation is attached.

Sendin How Sautinon: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the content of *How you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231.*
DO NOT SEND PILES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22301-1450.

SEP 29 2003



Approved for use through 10/31/2001. OMB 0651-0031

PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
 (Patent applications where it contains a valid OMB control number.)

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitution for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/649,575
				Filing Date	August 26, 2003
				First Named Inventor	Akira Nakashima
				Group Art Unit	1712
				Examiner Name	Margaret G. Moore
				Attorney Docket Number	1217-031246
Sheet	1	of	1		

[illegible][illegible]

Examiner Signature	<i>[Signature]</i>	Date Considered	1/11/05
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

SEP 24 1955

SEP 29 2005

SEP 24 2005

Response Under 37 CFR 1.1.

Expedited Procedure

Examining Group 1712

Application No. 10/649,575

Paper Dated: December 14, 2004

In Reply to USPTO Correspondence of October 29, 2004

Attorney Docket No. 1217-031246



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/649,575

Applicants : Akira Nakashima et al.

Filed : August 26, 2003

Title : SUBSTRATE COATED WITH SILICA-CONTAINING
FILM WITH LOW-DIELECTRIC CONSTANT

Group Art Unit : 1712 Confirmation No. : 5958

Examiner : Margaret G. Moore Customer No. : 28289

MAIL STOP AF
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AFTER FINAL REJECTION

Sir:

In response to the Final Office Action of October 29, 2004, Applicants submit the following amendments and remarks:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 7 of this paper.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to MAIL STOP AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 14, 2004.

Florence P. Trevethan
(Name of Person Mailing Paper)

Florence P. Trevethan 12/14/2004
Signature Date

Response Under 37 CFR 1..
Expedited Procedure
Examining Group 1712
Application No. 10/649,575
Paper Dated: December 14, 2004
In Reply to USPTO Correspondence of October 29, 2004
Attorney Docket No. 1217-031246

Claim 10 (currently amended): ~~A~~The substrate coated with a silica-containing film with a low-dielectric constant, which is a low density film formed by:

~~(a) applying onto a substrate the coating liquid for forming a silica-containing film with a low dielectric constant according to as claimed in claim 1, wherein a mixing ratio (A/B) by weight, in terms of SiO₂, of the fine particles of silica (A) to the alkoxysilane (B) represented by the formula (I), both being used for preparing the polysiloxane, is in the range of 1/99 to 10/90;~~

~~(b) heating the thus coated film; and~~

~~(c) decomposing or vaporizing the readily decomposable resin contained in the film by a heat treatment at a temperature of not higher than 500°C or by irradiation with ultraviolet radiation, infrared radiation, electron beam, X ray or oxygen plasma.~~

Claims 11-18 (cancelled).

SEP 29 2005

SEP 29 2005